

S4 Table: Regional neurotransmitter content (ng/mg) determined by HPLC in wild type offspring.

	Unexposed Wild Type Offspring					Malaria Exposed Wild Type Offspring				
	Temporo-parietal Cortex	Frontal Cortex	Striatum	Hippocampus	Cerebellum	Temporo-parietal Cortex	Frontal Cortex	Striatum	Hippocampus	Cerebellum
DA	0.205 ± 0.023	1.526 ± 0.307 **	5.141 ± 0.347	0.177 ± 0.043	0.033±0.004	0.163 ± 0.272	1.207 ± 0.307 **	4.473 ± 0.146	0.093 ± 0.009	0.033±0.004
NE	0.753 ± 0.037 *	0.822 ± 0.039	0.525 ± 0.027	0.703 ± 0.028	0.795±0.024	0.612 ± 0.042 *	0.822 ± 0.039	0.551 ± 0.036	0.781 ± 0.052	0.767±0.034
5HT	1.077 ± 0.051	1.183 ± 0.041 **	1.233 ± 0.022 *	1.478 ± 0.057	0.676±0.049	0.926 ± 0.067	0.817 ± 0.085 **	1.095 ± 0.039 *	1.337 ± 0.071	0.565±0.068
HVA	0.078 ± 0.010	0.454 ± 0.013 **	1.866 ± 0.067	0.076 ± 0.007 *	0.031±0.002	0.054 ± 0.008	0.387 ± 0.018 **	1.716 ± 0.064	0.057 ± 0.005 *	0.036±0.005

Values are means +/- SEM (n = 12-15 per group) of the neurotransmitters dopamine (DA), norepinephrine (NE), serotonin (5HT) and the neurotransmitter metabolite homovanillic acid (HVA). Bolded means differ significantly between groups based on a t-test; *P < 0.05, **P < 0.01.